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PATENT APPLICATION
Docket No.: LKS94-05A2

G PROTEIN-COUPLED RECEPTOR GENE CCR3 AND ANTAGONISTS THEREOF

Description

Related Applications

This application is a continuation-in-part of International Application PCT/US96/00608, (designating the United States), with an International filing date of January 19, 1996, which is a continuation-in-part of U.S. Serial No. 08/375,199, filed January 19, 1995, now U.S. Patent no. 6,806,061, the teachings of which are each incorporated herein by reference in their entirety.

Government Support

Work described herein was supported in whole or in part by a U.S. government grant. The U.S. government has certain rights in this invention.

Background

Chemokines, also referred to as intecrines, are soluble, low molecular weight members of the cytokine family which have chemoattractant function. Chemokines are capable of selectively inducing chemotaxis of the formed elements of the blood (other than red blood cells), including leukocytes such as monocytes, macrophages, eosinophils, basophils, mast cells, and lymphocytes, such as T cells, B cells, and polymorphonuclear leukocytes (neutrophils)). In addition to stimulating chemotaxis, other changes can be selectively induced by chemokines in responsive cells, including changes in cell shape, transient rises in the concentration of intracellular free calcium ($[Ca^{2+}]_i$), granule exocytosis, integrin